

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU112123\  
 Data File : VU056542.D  
 Acq On : 21 Nov 2023 11:30  
 Operator : MD/SY  
 Sample : 05333-16  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 21 23:32:23 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Nov 21 23:30:53 2023  
 Response via : Initial Calibration

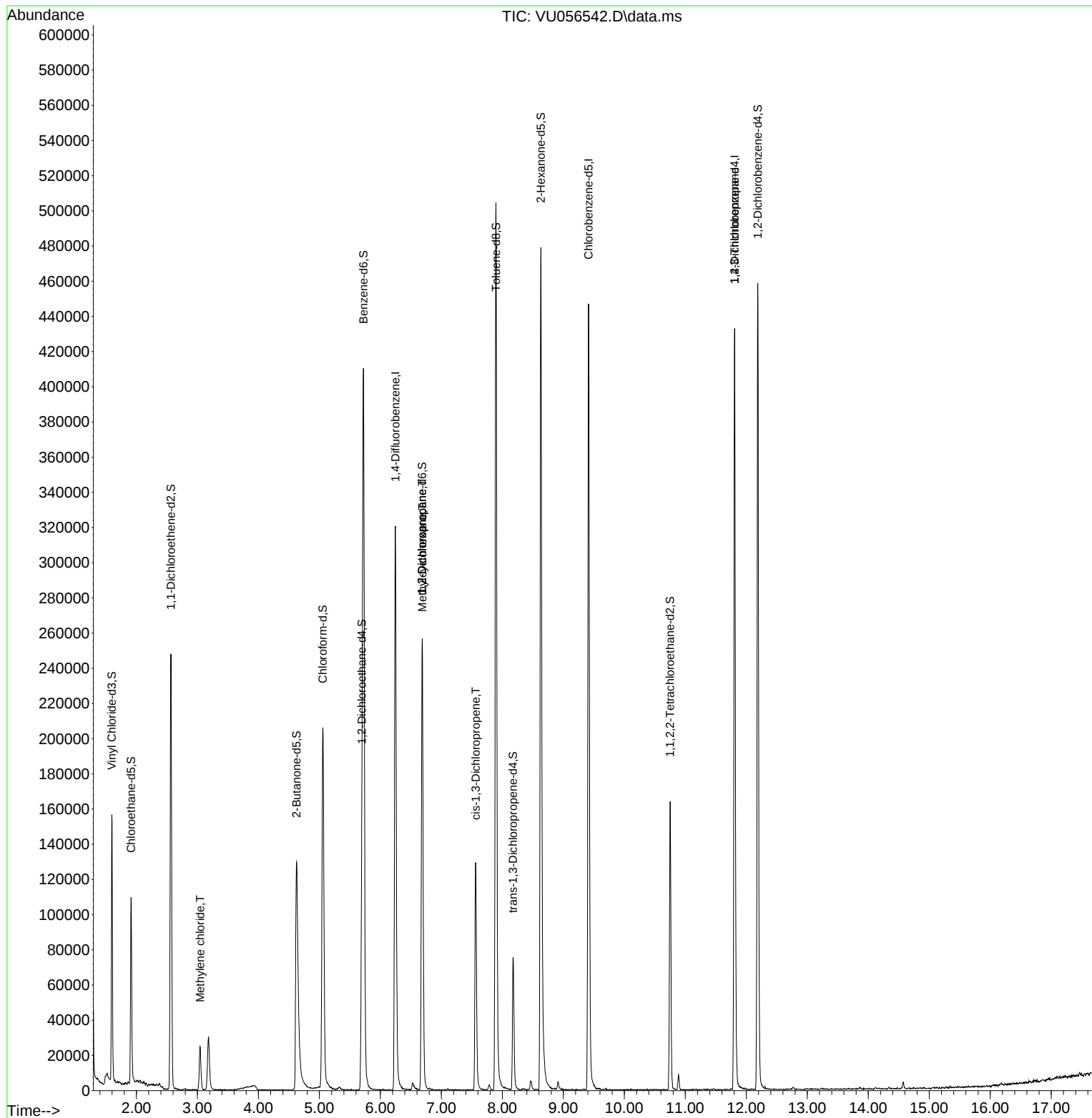
| Compound                      |        | R.T.   | QIon     | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|--------|----------|----------|--------|----------|----------|
| Internal Standards            |        |        |          |          |        |          |          |
| 1) 1,4-Difluorobenzene        |        | 6.245  | 114      | 265185   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          |        | 9.412  | 117      | 261238   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    |        | 11.807 | 152      | 117078   | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |        |          |          |        |          |          |
| 4) Vinyl Chloride-d3          |        | 1.596  | 65       | 109819   | 5.537  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 40 - 130 | Recovery | =      | 110.800% |          |
| 7) Chloroethane-d5            |        | 1.911  | 69       | 80550    | 5.297  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 65 - 130 | Recovery | =      | 106.000% |          |
| 11) 1,1-Dichloroethene-d2     |        | 2.563  | 65       | 46939    | 5.362  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 60 - 125 | Recovery | =      | 107.200% |          |
| 20) 2-Butanone-d5             |        | 4.624  | 46       | 208970   | 52.835 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 40 - 130 | Recovery | =      | 105.680% |          |
| 24) Chloroform-d              |        | 5.055  | 84       | 197274   | 5.142  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 125 | Recovery | =      | 102.800% |          |
| 26) 1,2-Dichloroethane-d4     |        | 5.695  | 65       | 98923    | 5.580  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 130 | Recovery | =      | 111.600% |          |
| 32) Benzene-d6                |        | 5.721  | 84       | 394699   | 5.071  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 125 | Recovery | =      | 101.400% |          |
| 36) 1,2-Dichloropropane-d6    |        | 6.685  | 67       | 126340   | 5.386  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 60 - 140 | Recovery | =      | 107.800% |          |
| 41) Toluene-d8                |        | 7.894  | 98       | 358077   | 5.210  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 130 | Recovery | =      | 104.200% |          |
| 43) trans-1,3-Dichloroprop... |        | 8.174  | 79       | 48114    | 5.348  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 55 - 130 | Recovery | =      | 107.000% |          |
| 46) 2-Hexanone-d5             |        | 8.631  | 63       | 173307   | 49.019 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 45 - 130 | Recovery | =      | 98.040%  |          |
| 56) 1,1,2,2-Tetrachloroeth... |        | 10.750 | 84       | 81734    | 4.876  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 65 - 120 | Recovery | =      | 97.600%  |          |
| 66) 1,2-Dichlorobenzene-d4    |        | 12.187 | 152      | 121173   | 5.602  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 80 - 120 | Recovery | =      | 112.000% |          |
| Target Compounds              |        |        |          |          |        |          | Qvalue   |
| 16) Methylene chloride        |        | 3.042  | 84       | 12215    | 0.569  | ug/L     | 89       |
| 35) Methylcyclohexane         |        | 6.689  | 83       | 31105    | 1.061  | ug/L #   | 19       |
| 37) 1,2-Dichloropropane       |        | 6.685  | 63       | 12719    | 0.654  | ug/L #   | 88       |
| 39) cis-1,3-Dichloropropene   |        | 7.563  | 75       | 3585     | 0.126  | ug/L #   | 76       |
| 61) 1,2,3-Trichloropropane    |        | 11.807 | 75       | 14406    | 1.434  | ug/L #   | 67       |

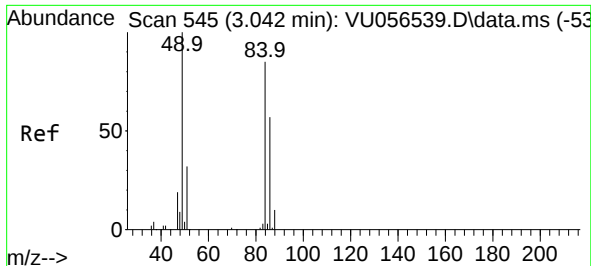
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :

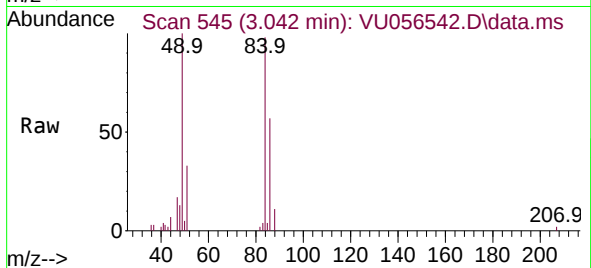
Quant Time: Nov 21 23:32:23 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Nov 21 23:30:53 2023  
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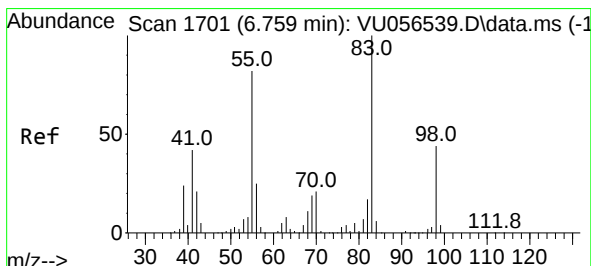
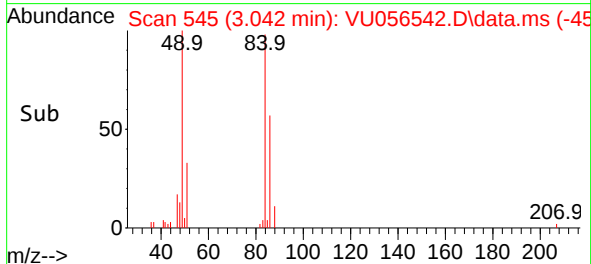
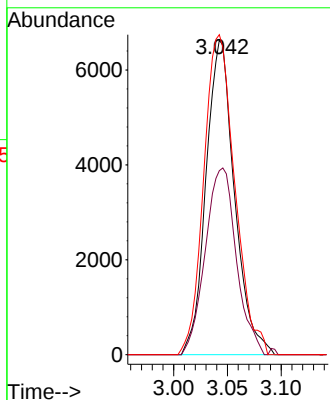


#16  
Methylene chloride  
Concen: 0.569 ug/L  
RT: 3.042 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VU056542.D  
Acq: 21 Nov 2023 11:30

Instrument :  
MSVOA\_U  
ClientSampleId :

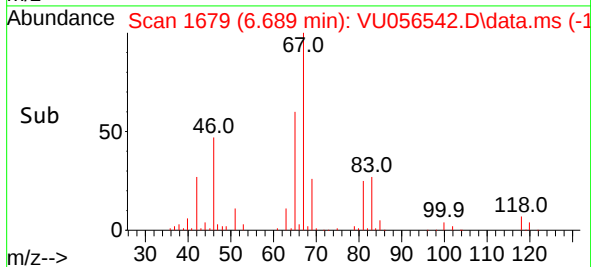
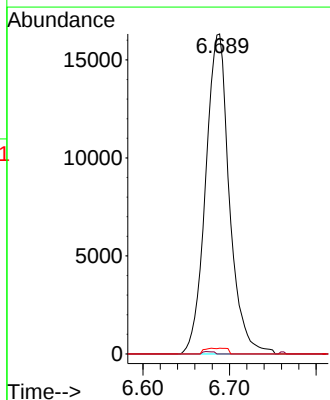
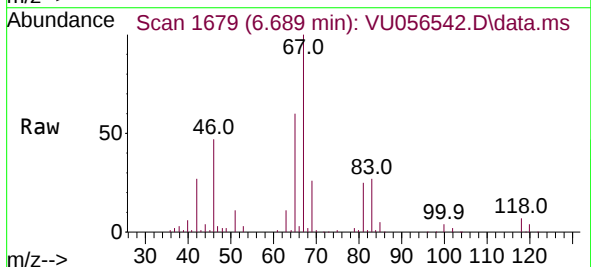


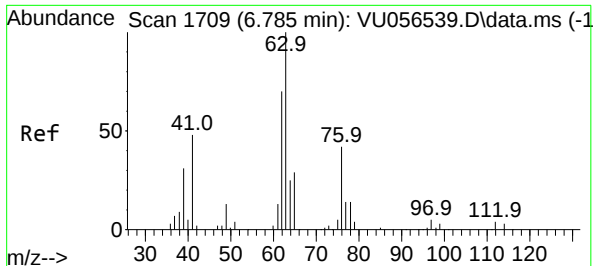
Tgt Ion: 84 Resp: 12215  
Ion Ratio Lower Upper  
84 100  
86 58.5 44.7 83.1  
49 101.7 81.8 152.0



#35  
Methylcyclohexane  
Concen: 1.061 ug/L  
RT: 6.689 min Scan# 1679  
Delta R.T. -0.071 min  
Lab File: VU056542.D  
Acq: 21 Nov 2023 11:30

Tgt Ion: 83 Resp: 31105  
Ion Ratio Lower Upper  
83 100  
55 0.3 62.9 94.3#  
98 1.0 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.654 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU056542.D

Acq: 21 Nov 2023 11:30

Instrument :

MSVOA\_U

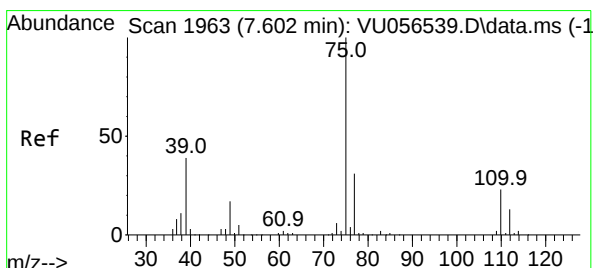
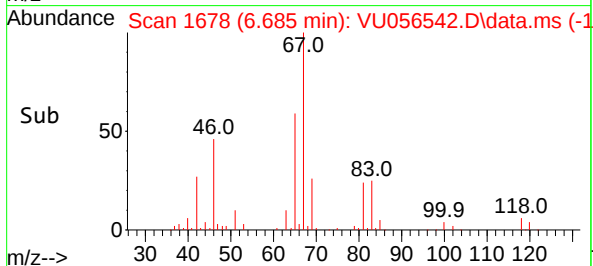
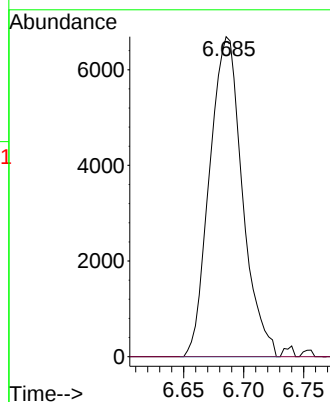
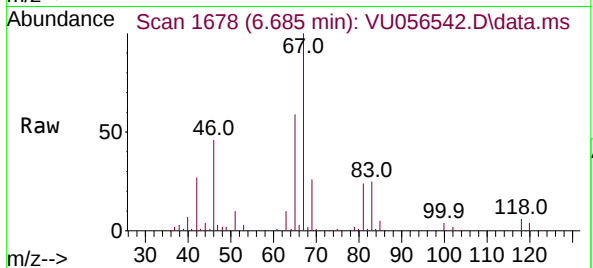
ClientSampleId :

Tgt Ion: 63 Resp: 12719

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.126 ug/L

RT: 7.563 min Scan# 1951

Delta R.T. -0.039 min

Lab File: VU056542.D

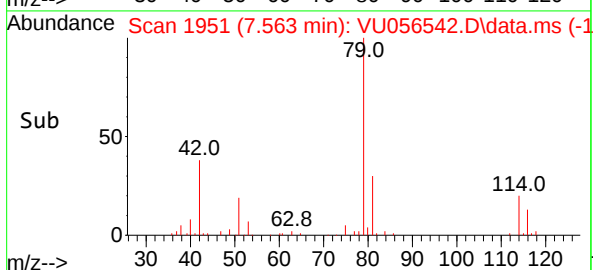
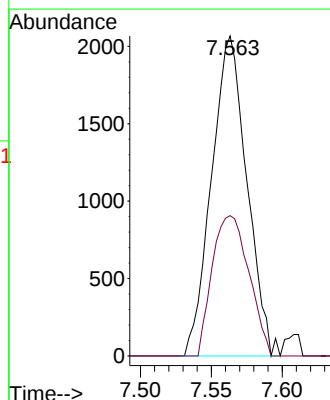
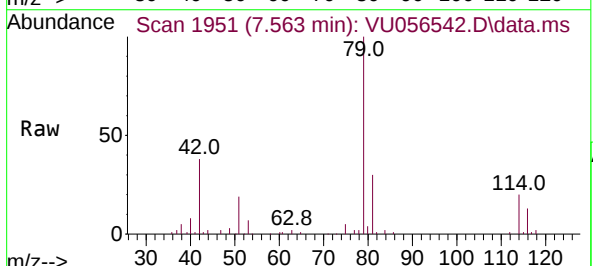
Acq: 21 Nov 2023 11:30

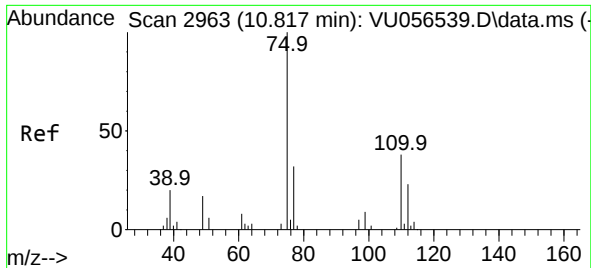
Tgt Ion: 75 Resp: 3585

Ion Ratio Lower Upper

75 100

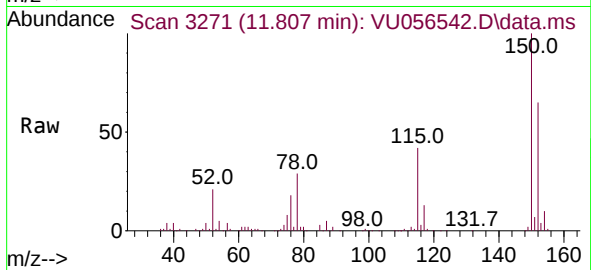
77 43.8 21.5 39.9#





#61  
1,2,3-Trichloropropane  
Concen: 1.434 ug/L  
RT: 11.807 min Scan# 31  
Delta R.T. 0.990 min  
Lab File: VU056542.D  
Acq: 21 Nov 2023 11:30

Instrument :  
MSVOA\_U  
ClientSampleId :



Tgt Ion: 75 Resp: 14406  
Ion Ratio Lower Upper  
75 100  
110 1.2 30.4 45.6#  
77 32.8 27.0 40.6

